



Gulf of Mexico Harmful Algal Bloom Bulletin

Region: Texas

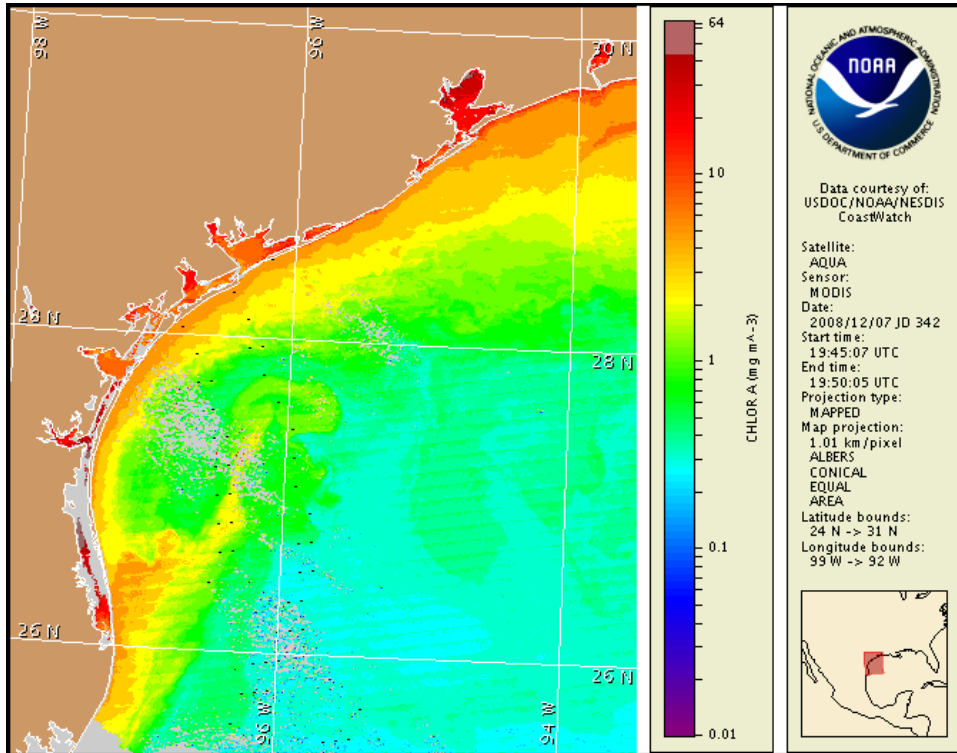
9 December 2008

NOAA Ocean Service

NOAA Satellites and Information Service

NOAA National Weather Service

Last bulletin: December 2, 2008



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from December 1 to 5 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

http://tidesandcurrents.noaa.gov/hab/habfs_bulletin_guide.pdf

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

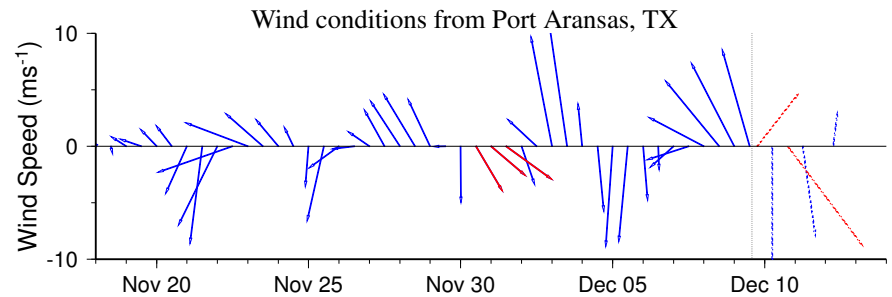
1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.

Conditions Report

There are no reports of harmful algae at this time. No impacts are expected.

Analysis

There is no confirmation of a toxic *K. brevis* bloom along the Texas coast at this time. Imagery indicates that the suspicious feature which has persisted for several weeks continues offshore from South Padre Island. It appears to have moved north and extends nearshore from approximately 26d21'20"N, 97d11'2"W south to 26d6'40"N, 97d8'5"W. Chlorophyll has reached above 4 ug/L. Sampling is recommended. -Lopez, Wynne

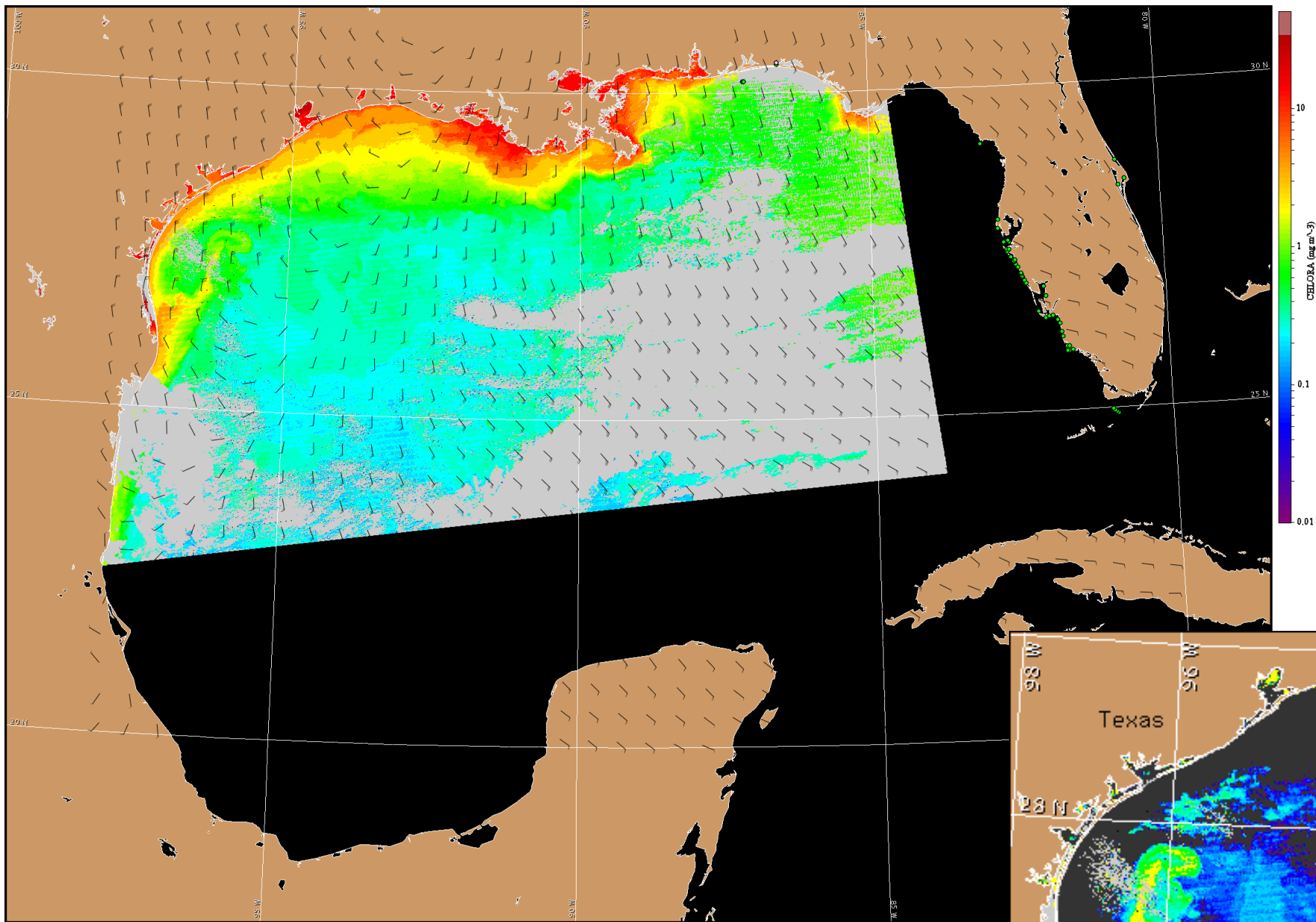


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts. Wind observation and forecast data provided by NOAA's National Weather Service (NWS).

Wind Analysis

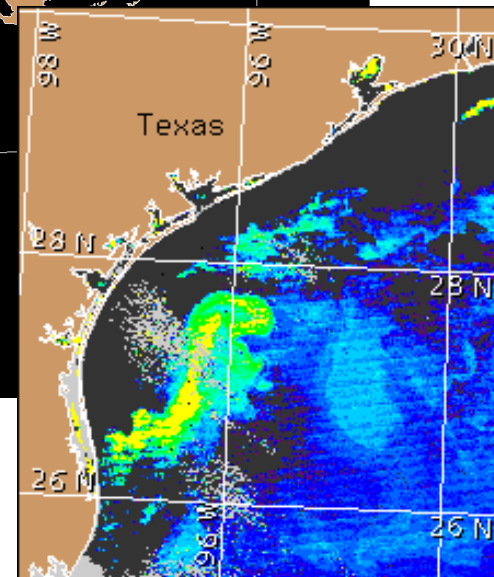
Today, south wind at 15-20 knots, shifting to north wind at 25-30 knots tonight. Tomorrow and Thursday, north to northwest wind 20 to 30 knots. Friday, east wind at 5-10 knots.

To see previous bulletins and forecasts for other Harmful Algal Bloom Bulletin regions, visit the NOAA CoastWatch bulletin archive: http://coastwatch.noaa.gov/hab/bulletins_ns.htm



Satellite chlorophyll image and forecast winds for December 10, 2008 06Z with Cell concentration sampling data from December 1 to 5 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

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Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).